

Patent Abstracts of Japan

PUBLICATION NUMBER : 11104132
PUBLICATION DATE : 20-04-99

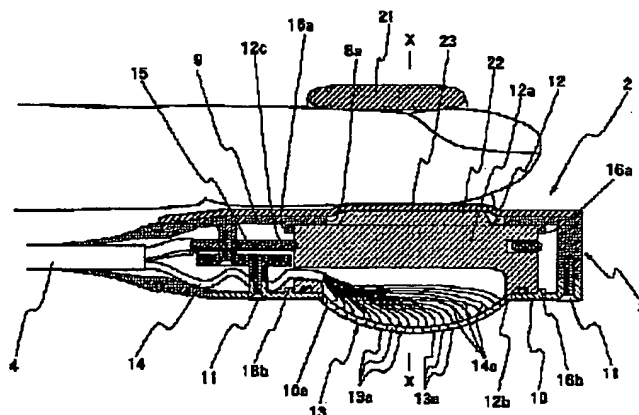
APPLICATION DATE : 30-09-97
APPLICATION NUMBER : 09281149

APPLICANT : FUJI PHOTO OPTICAL CO LTD;

INVENTOR : ITOI HIROTOMO;

INT.CL. : A61B 8/00 G01N 29/24

TITLE : ULTRASONIC PROBE



ABSTRACT : PROBLEM TO BE SOLVED: To enable the correct direction of a vibrator array to be always recognized by an operator without the necessity to see a monitor by providing an angle display part which makes the operator feel and recognize a rotating angle position for a rotating member connected to the vibrator array through the sensation of a finger introduced through a finger holder.

SOLUTION: A ring-like finger holder 21 is provided on an opposite face to the side on which a vibrator array 13 for the scan head part 2 of an ultrasonic probe is set, and a finger is introduced into the finger holder 21 in such a state that the underside of the finger is brought into contact with the scan head part 2 side to conduct an ultrasonic scan. Further, the vibrator array 13 is brought into contact with a body surface. In addition, a rotation operating lever is operated to rotate a pulley 12 and thereby, a direction in which the cross section face of a body tissue obtained by the ultrasonic scan is set is rotated. Consequently, a protruding strip 22 provided on a pulley 12 rotates, so that the direction of the protruding strip 22 can be recognized by the sensation of a hand through a flexible sheet 23 covering the opening part 8a of a body casing part 9.

COPYRIGHT: (C)1999,JPO